**Geometry/Algebra 2, Section 12.2 Surface Area of Prisms and Cylinders**

**P 806-08 #3-7 and #9-20**

3. The surface area is about .

4. The surface area is about .

5. The surface area is about .

6. The surface area is .

7. The surface area is .

9. The surface area is about .

10. The surface area is about .

11. The surface area is about .

12. The surface area is about .

13. The value of  is 9 yd.

14. The value of  is about 13.09 m.

15. The value of  is about 10.96 in.

16. The surface area is .

17. The surface area is 9 times the original surface area.

18. The new surface area is  the original area.

19. The surface area of the hexagonal prism is about .

20. The height of the cylinder is 3 m.